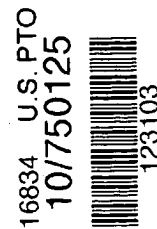




17364 U.S. PTO  
123103



George C. Chen  
Registered Patent Attorney  
Voice: 602-364-7367  
GCCHEN@BRYANCAVE.COM



December 31, 2003

**VIA U.S. MAIL**

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application  
Inventor: James A. Kirchgessner  
Title: Method of Manufacturing a Semiconductor Component, and  
Semiconductor Component Formed Thereby  
Attorney Docket No.: 0129185

Dear Sir/Madam:

Enclosed herewith for filing in the above-identified application are the following:

1. Specification (26 pgs.);
2. Formal Drawings (7 pgs.);
3. Assignment & Cover Sheet (3 pgs.);
4. Declaration (2 pgs.);
5. Power of Attorney (1 pg.);
6. New Application Transmittal (5 pgs.);
7. Check No. 32424 in amount of \$864.00; and
8. Self-addressed, prepaid postcard to acknowledge receipt of documents.

**Bryan Cave LLP**  
One Renaissance Square  
Two North Central Avenue  
Suite 2200  
Phoenix, AZ 85004-4406  
Tel (602) 364-7000  
Fax (602) 364-7070  
www.bryancave.com

Chicago  
Hong Kong  
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United Arab Emirates (Dubai)  
Washington, DC

*And Bryan Cave,  
A Multinational Partnership,  
London*

UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Date: December 31, 2003  
: :  
JAMES A. KIRCHGEISSNER, : Group Art Unit: Unknown  
: :  
Serial No.: Not yet assigned : Examiner: Unknown  
: :  
Filed: Herewith :  
: :  
Title: Method Of Manufacturing A Semiconductor Component, And Semiconductor  
Component Formed Thereby

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is utility patent application of Inventor(s):

JAMES A. KIRCHGEISSNER

For:

Method Of Manufacturing A Semiconductor Component, And Semiconductor  
Component Formed Thereby

**1. Type of Application**

This new application is for a(n)

[ X ] Original nonprovisional Utility under 37 C.F.R. § 1.53(b)

**2. Papers Enclosed**

A. Required for filing date under 37 CFR § 1.53(b)



26 Pages of specification as prescribed by 35 U.S.C. § 112 containing a description pursuant to 37 C.F.R. § 1.71 and at least one claim pursuant to 37 C.F.R. § 1.75.

7 Sheet(s) of drawing(s) pursuant to 37 C.F.R. § 1.81(a).

☒ Formal

**B. Other Papers Enclosed**

1 Page(s) of power of attorney

2 Page(s) of declaration

3 Page(s) of assignment with cover sheet

**3. Declaration or oath**

☒ Enclosed and executed by

☒ inventor(s).

**4. Inventorship Statement**

The inventorship for all the claims in this application are:

☒ The same.

**5. Language**

☒ English

**6. Assignment**

☒ An assignment of the invention to [ASSIGNEE]

☒ is enclosed. A separate

☒ "Recordation Form Cover Sheet" is also enclosed.

**7. Fee Calculation (37 CFR § 1.16)**

☒ Utility application

CLAIMS AS FILED					
	Number Filed	Number Extra		Basic fee 37 CFR § 1.16(a) Rate \$770.00	
Total Claims (37 CFR § 1.16(c))	23 - 20 =	3	x	\$18.00	\$54.00
Independent Claims (37 CFR § 1.16(b))	3 - 3 =	0	x	\$84.00	\$0.00
Multiple dependent Claim(s), if any (37 CFR § 1.16(d))	0		x	\$280.00	\$0.00

Filing Fee Calculation \$824.00

**8. Fee Payment Being Made at this Time**

☒ Enclosed

☒ Filing fee \$824.00

☒ Recording assignment (\$40.00; 37 CFR § 1.21(h))  
(See attached "RECORDATION FORM COVER  
SHEET") \$ 40.00

Total fees enclosed \$864.00

**9. Method of Payment of Fees**

☒ Check in the amount of \$864.00

**10. Authorization to Charge Additional Fees**

☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 02-4467:

- ☒ 37 CFR § 1.16(a), (f) or (g) (filing fees)
- ☒ 37 CFR § 1.16(b), (c) or (d) (presentation of extra claims)
- ☒ 37 CFR § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☒ 37 CFR §§ 1.17(a)(1)-(5) (extension fees pursuant to 1.136(a))
- ☒ 37 CFR § 1.17 (application processing fees)

**11. Instructions as to Overpayment**

☒ Credit Account No. 02-4467

**12. Correspondence Address**

The correspondence address for this application is:

**Kenneth A. Nelson**  
Bryan Cave LLP  
Two North Central Avenue, Suite 2200  
Phoenix, Arizona 85004-4406

Telephone calls regarding this application should be directed to Kenneth A. Nelson at (602) 364-7000. Facsimile correspondence regarding this application should be faxed to Kenneth A. Nelson at (602) 364-7070.

**13. Statement Where no Further Pages Added**

☒ This transmittal ends with the next page.

Respectfully submitted,

BRYAN CAVE, LLP

Dated: 31 December 2003

By: 

George C. Chen, Reg. No. 39,935  
2 North Central Avenue, Suite 2200  
Phoenix, Arizona 85004  
Telephone: (602) 364-7000  
Facsimile: (602) 364-7070

**CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.**

I hereby certify that this document (and any others referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **EL452287676US** on **December 31, 2003** and addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Printed Name: Thomas Layson

Commissioner for Patents  
December 31, 2003  
Page 2

Bryan Cave LLP

Please charge any deficiency in the enclosed fee or credit any overpayment to Deposit Account No. 02-4467.

Very truly yours,




George C. Chen

GCC:mtr  
Enclosure

**CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.**

I hereby certify that this document (and any as referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **EL452287676US** on **December 31, 2003** and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Printed Name: Thomas K. Vance